

CONCRETE COMPOSITION FOR INSTANT STRIPPING TYPE CONCRETE PRODUCTION PROCESS

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- international: **C04B28/02; B28B3/02; C04B18/08; C04B28/00; B28B3/02; C04B18/04;** (IPC1-7): C04B28/02; B28B3/02; C04B18/08

- European:

Application number: JP20000242716 20000810

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Abstract of **JP2002053361**

PROBLEM TO BE SOLVED: To obtain a concrete composition which is appropriately used for an instant stripping type concrete production process and capable of shortening the compaction time of concrete, smoothing the surface of the resulting concrete product, and further, easily corresponding to any change in quality of aggregate used, without greatly changing a conventional instant stripping type concrete production process. **SOLUTION:** This concrete composition contains a coarse-grained fraction of fly ash, which fraction is obtained by removing fine grains having $\leq 20 \mu\text{m}$ grain size from the fly ash and has a $\leq 10 \text{ wt.}\%$ content of such fine grains having $\leq 20 \mu\text{m}$ grain size.

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 TI Concrete composition for immediate form removing process
 IN Uehara, Nobuo; Nagaoka, Seiichi; Tokami, Tokuji; Ishii, Mitsuhiro; Sawai,
 Toshikazu; Murai, Hironobu
 PA Sumitomo Osaka Cement Co., Ltd., Japan; Shikoku Electric Power Co., Inc.;
 Shiden Sangyo K. K.
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C04B028-02

ICS B28B003-02; C04B018-08

CC 58-2 (Cement, Concrete, and Related Building Materials)

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AB The title concrete compn. contains cement, coarse aggregate,
 fine aggregate, coarse fly ash contg. .ltoreq.10 wt.%
 fine particles having diam. .ltoreq.20 .mu.m, and water, wherein
 the content of the coarse fly ash is 20-200 kg per 1
 m3 of the concrete compn. The compaction time is shortens and the surface
 of concrete products can be smoothened.

ST fly ash concrete compn immediate form removal

IT Concrete

(concrete compn. contg. coarse fly ash for
 immediate form removing process)

IT Ashes (residues)

(fly; concrete compn. contg. coarse fly ash for
 immediate form removing process)